IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Shoko YONEZAWA et al.	**Examiner:**	Unassigned
Serial No:	Unassigned	**Art Unit:**	Unassigned
Filed:	Herewith	**Docket:**	20089
For:	GROUP SIGNATURE SYSTEM, METHOD, DEVICE AND PROGRAM	**Dated:**	July 24, 2006

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 23313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Kozue Umeda, Atsuko Miyaji, "A Group Signature Scheme Based on Nyberg-Rueppel Signatures", 2003 Nen Ango to Joho Security Symposium Yokoshu, Vol. 1 of 2, 26 January, 2003 (26.01.03), pp. 327 to 332;

2. Takamitsu Katoh, Shouichi Hirose, Michihiko Minoh, Katsuo Ikeda, "ElGamal no Kokai Kagi Angokei ni Motozuku Group Shomei ni Yoru Shomei Protocol", 1992 Nen the Institute of Electronics, Information and Communication Engineers – Soritsu 75 Shunen Kinen – Shuki Taikai Koen Ronbunshu, separate Vol. 1, 15 September, 1992 (15.09.92), p. 1-187;

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mailing Label No.: **EV 894911107US**
Date of Deposit: **July 24, 2006**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
Dated: July 24, 2006

Paul J. Esatto, Jr.

3. G. Ateniese and B. de Medeiros, "Efficient Group Signatures Without Trapdoors", In Advances in Cryptology – ASIACRYPT 2003, LNCS, 2894, pp. 246-268, Spinger –Verlag, 2003;

4. ElGamal, "A Public Key Cryptosystem and a Signature Scheme Based on Discrete Logorithims", (IEEE Trans. on Information Theory, IT-31, 4, pp. 469-472);

5. G. Ateniese, J. Camenisch, M. Joye and G. Tsudik, "A Practical and Provably Secure Coalition-Resistant Group Signature Scheme", In Advances in Cryptology – CRYPTO2000, LNCS 1880, pp. 255-270, Springer-Verlag, 2000;

6. R. L. Rivest et al., "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems", Communications of the ACM, Vol. 21, No. 2, pp. 120-126;

7. Torben Pryds Pedersen, "A Threshold Cryptosystem Without a Trusted Party", Aarhus University, Computer Science Department, pp. 522-526;

8. Kaisa Nyberg et al., "Message Recovery for Signature Schemes Based on the Discrete Logorithm Problem", R^3 Security Engineering AG, Switzerland, pp. 182-193; and

9. C.P. Schnorr, "Efficient Signature Generation by Smart Cards", Fachbereich Mathematik/Informatik, Universitat Frankfurt, March 1991.

The relevance of the above-identified references 1 and 2 has been described in the Search Report, a copy of which is also enclosed. Reference Nos. 3 – 9 have been described in the specification. Copies of the foregoing references are enclosed.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

Paul J. Esatto, Jr.
Registration No.: 30,749

Scully, Scott, Murphy & Presser, P.C.
400 Garden City Plaza - Ste 300
Garden City, New York 11530
(516) 742-4343

EWG/PJE:ahs

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
20089	10/587019 Unassigned
APPLICANT(S)	24 JUL 2006
Shoko YONEZAWA et al.	
FILING DATE	GROUP ART UNIT
Herewith	Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Kozue Umeda, Atsuko Miyaji, "A Group Signature Scheme Based on Nyberg-Rueppel Signatures", 2003 Nen Ango to Joho Security Symposium Yokoshu, Vol. 1 of 2, 26 January, 2003 (26.01.03), pp. 327 to 332
			Takamitsu Katoh, Shouichi Hirose, Michihiko Minoh, Katsuo Ikeda, "ElGamal no Kokai Kagi Angokei ni Motozuku Group Shomeini Yoru Shomei Protocol", 1992 Nenthe Institute of Electronics, Information and Communication Engineers Soritsu 75 Shunen Kinen Shuki Taikai Koen Ronbunshu, separate Vol1, 15 September, 1992(15.09.92), p. 1-187

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
20089	10/587019 Unassigned
Shoko YONEZAWA et al.	
FILING: Herewith	GROUP ART: Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			G. Ateniese and B. de Medeiros, "Efficient Group Signatures Without Trapdoors", In Advances in Cryptology - ASIACRYPT 2003, LNCS, 2894, pp. 246-268, Spinger -Verlag, 2003 ElGamal, "A Public Key Cryptosystem and a Signature Scheme Based on Discrete Logorithims", (IEEE Trans. on Information Theory, IT-31, 4, pp. 469-472)
			G. Ateniese, J. Camenisch, M. Joye and G. Tsudik, "A Practical and Provably Secure Coalition-Resistant Group Signature Scheme", In Advances in Cryptology - CRYPTO2000, LNCS 1880, pp. 255-270, Springer-Verlag, 2000

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
20089	10/538,019 Unassigned
Shoko YONEZAWA et al.	
FILING: Herewith	GROUP ART: Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			R. L. Rivest et al., "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems", Communications of the ACM, Vol. 21, No. 2, pp. 120-126 Torben Pryds Pedersen, "A Threshold Cryptosystem Without a Trusted Party", Aarhus University, Computer Science Department, pp. 522-526
			Kaisa Nyberg et al., "Message Recovery for Signature Schemes Based on the Discrete Logorithm Problem", R3 Security Engineering AG, Switzerland, pp. 182-193 C.P. Schnorr, "Efficient Signature Generation by Smart Cards", Fachbereich Mathematik/Informatik, Universitat Frankfurt, March 1991

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.